

## EAST Search History

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| L6    | 229   | modules near (acceptor discriminator validator)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/11 11:33 |
| L7    | 8     | 6 and banknotes   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/11 11:32 |
| S12   | 21928 | "194"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/10 18:12 |
| S13   | 6371  | (validator validate validates validating validated acceptor accepting accept accepts accepting discriminator discriminate discriminating discriminates discriminated) and fraud   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/05/30 16:50 |
| S14   | 155   | S12 and S13   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/10 17:54 |
| S15   | 34    | (validator validate validates validating validated acceptor accepting accept accepts accepting discriminator discriminate discriminating discriminates discriminated) near fraud  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/10 19:36 |
| S16   | 174   | (validator validate validates validating validated acceptor accepting accept accepts accepting discriminator discriminate discriminating discriminates discriminated) near5 fraud | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/10 17:54 |
| S17   | 34    | (validator validate validates validating validated acceptor accepting accept accepts accepting discriminator discriminate discriminating discriminates discriminated) near fraud  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/10 17:54 |

## EAST Search History

|     |     |                 |   |    |     |                  |
|-----|-----|-----------------|---|----|-----|------------------|
| S18 | 922 | 209/534         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/10 18:21 |
| S19 | 12  | 379/144.03      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/10 18:16 |
| S20 | 417 | 379/145         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/10 18:17 |
| S21 | 687 | 382/135         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/10 18:17 |
| S22 | 67  | 382/136         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/10 18:17 |
| S23 | 53  | 434/110         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/10 18:19 |
| S24 | 69  | 902/7           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/10 18:19 |
| S25 | 0   | (902/534).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/10 18:21 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S26 | 628  | (209/534).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/10 18:21 |
| S27 | 16   | (379/144.03).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/10 18:21 |
| S28 | 301  | (379/145).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/10 18:22 |
| S29 | 419  | (382/135).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/10 18:22 |
| S30 | 25   | (382/136).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/10 18:22 |
| S31 | 47   | (434/110).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/10 18:22 |
| S32 | 98   | (902/7).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/10 18:22 |
| S33 | 2117 | S19 or S20 or S21 or S22 or S23 or<br>S24 or S25 or S26 or S27 or S28 or<br>S29 or S30 or S31 or S32 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/10 18:23 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S34 | 235  | S33 and fraud   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/10 18:24 |
| S35 | 368  | S12 and fraud   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/10 18:24 |
| S36 | 582  | S34 or S35  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/10 18:32 |
| S37 | 1    | S36 and ((modify modification<br>modifies change changes changing<br>altering alters altering alter vary<br>varying varies) near (criteria<br>criterion))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/10 18:37 |
| S38 | 40   | S36 and ((modify modification<br>modifies change changes changing<br>altering alters altering alter vary<br>varying varies) same (criteria<br>criterion))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/10 18:38 |
| S39 | 23   | S36 and ((modify modification<br>modifies change changes changing<br>altering alters altering alter vary<br>varying varies) with (criteria<br>criterion))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/09/10 18:38 |
| S40 | 2    | ("5730272").URPN.   | USPAT   | OR | ON  | 2005/09/10 19:25 |
| S41 | 6    | ("4546869"   "4864238"   "5355989"<br>  "5564548"   "5718318"  <br>"5730272").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2005/09/10 19:29 |
| S42 | 4    | ("5355989").URPN.   | USPAT   | OR | ON  | 2005/09/10 19:31 |
| S43 | 2653 | (validator validate validates<br>validating validated acceptor<br>accepting accept accepts accepting<br>discriminator discriminate<br>discriminating discriminates<br>discriminated) near network | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/09/10 19:36 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S44 | 58   | coin and ((validator validate<br>validates validating validated<br>acceptor accepting accept accepts<br>accepting discriminator discriminate<br>discriminating discriminates<br>discriminated) near network) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/10 19:41 |
| S45 | 462  | coin adj validator   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/10 20:03 |
| S46 | 70   | S45 and network  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/10 19:41 |
| S47 | 4    | S45 and (validator near5 network)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/10 20:01 |
| S48 | 0    | S45 and (discriminator near5<br>network)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/10 20:00 |
| S49 | 2    | S45 and (acceptor near5 network)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/10 20:00 |
| S50 | 7    | S45 and (validator with network)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/10 20:01 |
| S51 | 1129 | bill adj validator   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/10 20:04 |

## EAST Search History

|     |    |                                   |   |    |    |                  |
|-----|----|-----------------------------------|---|----|----|------------------|
| S52 | 26 | S51 and (validator near5 network) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/10 20:04 |
| S53 | 0  | us2005/0148387                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/15 20:21 |
| S54 | 0  | us20050148387                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/15 20:21 |
| S55 | 2  | "20050148387"                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/15 20:21 |
| S56 | 88 | coinstar                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/15 20:26 |
| S57 | 26 | S56 and communicates              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/16 16:38 |
| S58 | 24 | S56 and modem                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/15 20:30 |
| S59 | 88 | coinstar                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/16 16:38 |

## EAST Search History

|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| S60 | 11     | S59 and (internet web server)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/16 16:41 |
| S61 | 11     | coinstar and (internet web server)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/16 16:44 |
| S62 | 10825  | coins and (internet web server)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/16 16:44 |
| S63 | 425    | "194"/\$.ccls. and (internet web server)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/16 16:47 |
| S64 | 1000   | (validators or acceptors) same (internet web server)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/16 16:49 |
| S65 | 267    | S64 and coins  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/16 16:49 |
| S66 | 309    | S64 and bills  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/16 16:49 |
| S67 | 205175 | (validator validate validates validating validated acceptor accepting accept accepts accepting discriminator discriminate discriminating discriminates discriminated) and (internet or network or LAN) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 16:53 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S68 | 3262  | (validator validate validates<br>validating validated acceptor<br>accepting accept accepts accepting<br>discriminator discriminate<br>discriminating discriminates<br>discriminated) near (internet or<br>network or LAN) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 16:58 |
| S69 | 22032 | "194"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 16:55 |
| S70 | 973   | 209/534   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 16:55 |
| S71 | 641   | 209/534.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 16:55 |
| S72 | 22956 | S69 or S70 or S71   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 16:55 |
| S73 | 3     | S72 and S68   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 16:55 |
| S74 | 2996  | (validator validate validates<br>validating validated acceptor<br>accepting accept accepts accepting<br>discriminator discriminate<br>discriminating discriminates<br>discriminated) near (communicat\$6)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 16:59 |
| S75 | 62    | S68 and S74   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 17:00 |



## EAST Search History

|     |    |                    |   |    |    |                  |
|-----|----|--------------------|---|----|----|------------------|
| S76 | 31 | S72 and S74        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 17:40 |
| S77 | 53 | voser and mars     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 17:54 |
| S78 | 5  | rudu and validator | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 17:55 |
| S79 | 4  | shapiro and jocke  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/05/30 17:55 |
| S80 | 78 | 382/136            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/08 14:03 |
| S81 | 30 | 382/136.ccls.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/08 14:03 |
| S82 | 85 | S80 or S81         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/08 14:03 |

## EAST Search History

|     |         |  |   |    |    |                  |
|-----|---------|--|---|----|----|------------------|
| S83 | 4020    | (validator validate validates<br>validating validated acceptor<br>accepting accept accepts accepting<br>discriminator discriminate<br>discriminating discriminates<br>discriminated) near (bus buses<br>bused "data highway" "data<br>highways" LAN "local area network"<br>"local-area-network" network<br>networking networked networks<br>"token ring") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/10 18:27 |
| S84 | 4867038 | (banknote banknotes bill bills cash<br>currency money moneys note notes<br>paper-money paper-moneys change<br>coin coinage coins token tokens)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/10 18:20 |
| S85 | 19      | S83 near S84   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/10 18:16 |
| S86 | 2824    | S83 and S84  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/10 18:16 |
| S87 | 608     | (validator acceptor discriminator)<br>near (bus buses bused "data<br>highway" "data highways" LAN<br>"local area network"<br>"local-area-network" network<br>networking networked networks<br>"token ring")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/10 18:19 |
| S88 | 457     | S84 and S87  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/10 18:24 |
| S89 | 22036   | "194"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/10 18:45 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S90 | 5     | S89 and S83   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/10 18:24 |
| S91 | 855   | S89 and (bus buses bused "data highway" "data highways" LAN "local area network" "local-area-network" network networking networked networks "token ring") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/10 18:28 |
| S92 | 4     | S90 and (validator acceptor discriminator)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/10 18:28 |
| S93 | 548   | S89 and (LAN "local area network" "local-area-network" network networking networked networks "token ring")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/10 18:45 |
| S94 | 66    | S93 and (internet or web or "world wide web" or "world-wide-web")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/10 18:46 |
| S95 | 22036 | "194"/\$.cccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/11 11:10 |
| S96 | 121   | S95 and modular   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/11 11:10 |
| S97 | 340   | S95 and modules   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/11 11:10 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S98 | 403 | S96 or S97                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/11 11:10 |
| S99 | 176 | S98 and (acceptor discriminator<br>validator) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/11 11:32 |